

## Message Text

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PAGE 01 NEW DE 08550 011250Z  
ACTION NEA-11

INFO OCT-01 EA-12 ISO-00 NEAE-00 EB-08 /032 W  
-----036109 011254Z /72

P R 011101Z JUN 78  
FM AMEMBASSY NEW DELHI  
TO USDOC WASHDC PRIORITY  
INFO SECSTATE WASHDC 1939  
AMEMBASSY ABU DHABI  
AMEMBASSY SINGAPORE  
AMCONSUL BOMBAY  
AMCONSUL CALCUTTA  
AMCONSUL MADRAS

UNCLAS NEW DELHI 8550

E.O. 11652: N/A  
TAGS: BEXP, IN  
SUBJECT: MAJOR FOREIGN GOVERNMENT TENDER - SPECIAL HANDLING

REF: NEW DELHI A-321, DECEMBER 3, 1976

1. THE GOI'S NATIONAL THERMAL POWER CORPORATION (NTPC),  
NEW DELHI, HAS INVITED BIDS FOR CONTROL AND INSTRUMENTATION  
PACKAGES FOR THE WORLD-BANK-FIANCED SINGRAULI SUPER THERMAL  
POWER PROJECT.

2. FIRST STAGE OF THE PROJECT CONSISTING OF 3 X 200 MW UNITS  
AT SHAKTI NAGAR, DISTRICT MIRZAPUR, UTTAR PRADESH INCLUDES  
FOLLOWING EQUIPMENT: (1) THREE CONTROL AND INSTRUMENTATION  
PACKAGES TO SERVE THE THREE GENERATING UNITS, EACH PACKAGE  
INCLUDING: ELECTRONIC ANALOG AND PNEUMATIC CONTROL SYSTEMS,  
CONTROL PANELS AND INSTRUMENTS, TRANSMITTERS AND ENCLOSURES,  
AUXILIARY RELAYS, INVERTER POWER SUPPLIES, CONTROL VALVES,  
INSTRUMENT IMPULSE PIPING AND ELECTRICAL CABLES, AND  
MAINTENANCE AND CALIBRATION EQUIPMENT; AND ONE CONTROL  
AND INSTRUMENTATION PACKAGE TO SERVE THE COMMON STATION  
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EQUIPMENT. (II) THREE COMPUTER DATA SYSTEMS AND VISUAL  
ANNUNCIATOR SYSTEMS TO SERVE THE THREE GENERATING UNITS  
AND ALL COMMON STATION EQUIPMENT; AND ONE SET OF COMPUTER  
COMPONENTS AND PERIPHERAL DEVICES TO SERVE AS SPARE PARTS  
AND TO SERVE THE PLANT COMMON FACILITIES.

3. CONTRACTORS INTENDING TO SUBMIT QUOTATIONS FOR ITEM (1)

SHOULD HAVE PAST EXPERIENCE IN DESIGNING, FURNISHING AND SUCCESSFULLY COMMISSIONING NOT FEWER THAN THREE CONTROL AND INSTRUMENTATION SYSTEMS OF THE SOLID STATE ELECTRONIC TYPE FOR PULVERIZED COAL FIRED GENERATING UNITS OF THE REHEAT TYPE. EXPERIENCE IN APPLICATION OF COORDINATED MASTER CONTROL IS REQUIRED EITHER BY DIRECT EXPERIENCE OF THE BIDDER OR BY COLLABORATION/ASSOCIATION WITH AN INTERNATIONALLY REPUTED SUPPLIER WHO IS FULLY QUALIFIED TO PROVIDE SYSTEM DESIGN AND TO MANUFACTURE EQUIPMENTS STATED ABOVE. BIDDERS WHO WISH TO PARTICIPATE FOR ITEM (II) SHOULD HAVE EXPERIENCE IN DESIGNING, FURNISHING AND SUCCESSFULLY COMMISSIONING NOT FEWER THAN THREE DIGITAL COMPUTER SYSTEMS FOR ON-LINE DATA ACQUISITION OR CONTROL OF PULVERIZED COAL FIRED POWER PLANTS. SYSTEMS MUST INCLUDE HIGH SPEED ANALOG AND CONTACT INPUT MULTIPLEXING STORED PROGRAM DATA PROCESSING, COLOR GRAPHIC CATHODE RAY TUBE DISPLAYS AND COMPUTER GENERATED LOG OUTPUTS. THE BIDDER MUST HAVE SUPPLIED STANDARD APPLICATION SOFTWARE ESPECIALLY DESIGNED FOR POWER PLANT APPLICATIONS, INCLUDING LOG, SEQUENTIAL EVENTS MONITORING AND CALCULATION FUNCTIONS. SOFTWARE MUST INCLUDE COMPILERS FOR FORTRAN IV OR EQUIVALENT HIGH LEVEL LANGUAGE. BIDDERS MUST SUBMIT DATA WITH THEIR PROPOSALS TO ESTABLISH THEIR QUALIFICATIONS FOR PERFORMING THE ABOVE JOBS. PROPOSALS NOT ACCOMPANIED BY THIS DATA WILL BE CONSIDERED AS IRREGULAR. THE BIDDERS WILL BE REQUIRED TO FURNISH A BID GUARANTEE AND CONTRACT PERFORMANCE GUARANTEE FOR THE AMOUNTS OF 2 PERCENT AND 10 PERCENT RESPECTIVELY.

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4. TENDER DOCUMENTS ARE AVAILABLE ONLY AT THE OFFICE OF THE NATIONAL THERMAL POWER CORPORATION, 1101 ASHOKA ESTATE, 24 BARAKHAMBA ROAD, NEW DELHI-110001 (TELEX: ND-2266) ON THE FOLLOWING PAYMENTS: (A) BOTH OF THE EQUIPMENT PACKAGES RS.1,750 (US DOLS210); (B) CONTROL AND INSTRUMENTATION PACKAGE RS. 1,000 (US DOLS120); AND (C) COMPUTER DATA SYSTEM PACKAGE RS. 750 (US DOLS90). COPIES OF TENDER DOCUMENTS ARE ALSO AVAILABLE AT THE OFFICE OF THE RETAINER CONSULTANT (BLACK AND VEATCH INTERNATIONAL, 1500 MEADOW LAKE PARKWAY, KANSAS CITY, MISSOURI-TELEX: 4-2523) FOR INSPECTION AND EXAMINATION ONLY BY THE INTERESTED BIDDERS.

5. THE CLOSING DEADLINE FOR SUBMISSION OF BIDS IS 1030 BOURS (IST AUGUST 18, 1978. THE BIDS ARE TO BE OPENED AT 1100 HOURS (IST) ON THE SAME DAY.

6. A COPY OF THE INVITATION TO BID IS BEING AIRPOUCHED.  
BLOOD

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NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 jan 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** n/a  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 01 jun 1978  
**Decaption Date:** 01 jan 1960  
**Decaption Note:**  
**Disposition Action:** n/a  
**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:**  
**Disposition Date:** 01 jan 1960  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
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**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
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**Office:** ACTION NEA  
**Original Classification:** UNCLASSIFIED  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
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**Page Count:** 3  
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**Previous Classification:** n/a  
**Previous Handling Restrictions:** n/a  
**Reference:** 78 NEW DELHI A-321  
**Retention:** 0  
**Review Action:** RELEASED, APPROVED  
**Review Content Flags:**  
**Review Date:** 29 mar 2005  
**Review Event:**  
**Review Exemptions:** n/a  
**Review Media Identifier:**  
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**Review Release Event:** n/a  
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**Status:** NATIVE  
**Subject:** MAJOR FOREIGN GOVERNMENT TENDER - SPECIAL HANDLING  
**TAGS:** BEXP, IN  
**To:** COM  
**Type:** TE  
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**Review Markings:**  
Sheryl P. Walter  
Declassified/Released  
US Department of State  
EO Systematic Review  
20 Mar 2014  
**Markings:** Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014